

**Computation and Cognitive Science**  
**King's College, Cambridge**  
**7th–8th July 2008**

Sponsored by The British Academy, The British Society for the Philosophy of Science,  
King's College Cambridge, Microsoft Research, and The Mind Association

The papers are circulated in advance and the conference sessions will be devoted to Q&A/discussion of the papers. There will only be short (5 min) introductions to the papers on the day. Everyone is encouraged to participate in the discussion, and all delegates are encouraged to have read the papers in advance. The papers are posted online at the conference website:

<http://people.pwf.cam.ac.uk/mds26/cogsci/program.html>

Tea and coffee are provided free of charge. However, delegates are respectfully asked to make their own arrangements for lunch, dinner, and overnight accommodation. There are many attractive options in Cambridge, and some links are provided on the conference website.

All conference sessions will take place in the Beves Room of King's College, with tea and coffee outside (weather permitting) in Webb's Court. (Please see attached map)

**Conference program**

**Monday 7th July**

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|---------------|--|
| 09:00         | Registration outside Beves Room  |
| 09:30 - 10:30 | William Bechtel, 'Computation and mechanistic explanation'   |
| 10:30 - 10:45 | <i>break</i>   |
| 10:45 - 11:45 | Ken Aizawa, 'Computation in cognitive science: It's not all about Turing equivalence'              |
| 11:45 - 12:00 | <i>break</i>   |
| 12:00 - 13:00 | Frances Egan, 'A modest role for content'  |
| 13:00 - 14:30 | <i>Lunch break</i>   |
| 14:30 - 15:30 | Mark Sprevak, 'Computation, individuation, and the representation condition'                       |
| 15:30 - 15:45 | <i>break</i>   |
| 15:45 - 16:45 | Gualtiero Piccinini, 'Computation vs. information processing' (co-authored with Andrea Scarantino) |
| 16:45 - 17:00 | <i>break</i>   |
| 17:00 - 18:00 | Richard Samuels, 'Classical computationalism and the many problems of cognitive relevance'         |
| 18:00 -       | Drinks in college bar  |

**Tuesday 8th July**

- 09:30 - 10:30 Daniel Weiskopf, 'Explaining comprehension: Abstract computation vs. embodied cognition'
- 10:30 - 10:45 *break*
- 10:45 - 11:45 Chris Eliasmith, 'How we ought to describe computation in the brain'
- 11:45 - 12:00 *break*
- 12:00 - 13:00 Oron Shagrir, 'Brains as analog computers'
- 13:00 - 14:30 *Lunch break*
- 14:30 Conference ends. Retire to the Granta pub.

